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DRAFTED BY J. MIRABITO NOAA/EM
APPROVED BY OES/ENP/CN-LINDSEY GRANT
EM-DR. EPSTEIN
EPA-DR. BROWN(SUBS)
NSF-MR. FOWLER(PHONE)
EUR/SOV-PARDON
NOAA-H. APRIL

OES/ENP/EN-J. GRANT BURKE

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R 192309Z MAR 75 FM SECSTATE WASHDC TO AMEMBASSY MOSCOW AMCONSUL LENINGRAD

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E.O. 11652: NA TAGS: SENV. US,UR

 $\hbox{SUBJ: US-USSR ENVIRONMENTAL AGREEMENT: WORKING GROUP\ VIII: INFLUENCE}$

OF

ENVIRONMENTAL CHANGES ON CLIMATE

FYI ON FEBRUARY 10, 1975, AN UNSIGNED LETTER TYPED IN ENGLISH AND DATED

JANUARY 23, 975, FROM DR. YE. P. BORISHENKOV SOVIET COCHAIRMAN WPRKING

GROUP VIII TO DR. E.S. EPSTEIN, US COCHAIRMAN WORKING GROU VII WAS DELIVERED TO DR.EPSTEIN BY DR. V. MELESHKO WHO WAS ATTENDING THE FOURTH

CIAP MEETING IN BOSTON. THE LETTER, COPY OF WHICH IS BEING POCHED, PROVIDED A LIST OF EXCHANGE VISITS BY BOTH SOVIET AND US SCIENTISTS TO CARRY OUT PORJECTS AGREED TO AT THE DECEMBER 1974 MEETING OF THE JOINT COMMITTEE IN MOSCOW. REQUEST CONGEN LENINGRAD PASS FOLLOWING UNCLASSIFIED

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LETTER

FROM EPSTEIN TO BORISENKOV AND EMBASSY PASS COPY TOKUVSHINNIKOV OF HYDROMET.

QUOTE: DEAR DR. BORISENKOV: I REFER TO THE SPECIFIC TECHNICAL PROPOSALS FOR AREA VIII-"INFLUENCE OF ENVIRONMENTAL CHANGES ON CLIMATE"--

THAT WERE AGREED TO IN THE DECEMBER 12,1974, MEMORANDUM OF THE JOINT COMMITTEE AND FURTHER ELABORATED IN THE LETTER FROM YOU TRANSMITTED BY DR. MELESHKO LAST MONTH. I AM PLEASED TO OFFER SPECIFIC PROPOSALS TO IMPLEMENT OUR AGREEMENTS ON LONG DURATION WORKING VISITS DURING 1975.

UNDER PROJECT VIII--1.1, "EFFECTS OF CHANGES IN THE HEAT BALANCE OF THE ATMOSPHERE ON CLIMATE," THE US SIDE WISHES TO INVITE TWO SOVIET SCIENTISTS TO VISIT THE NATIONAL CENTER FOR ATMOSPHERIC RESEARCH IN BOULDER, COLORADO, FOR 90 DAYS EACH TO STUDY CLIMATIC PERTURBATIONS. WE WOULD BE PLEASED TO CONSIDER DR. VINNIKOV AND DR. KONTAREV WHOSE NAMES WERE PROPOSED BY DR. MELESHKO DURING OUR CONVERSATION. UNDER THIS PROJECT THE US ALSO INVITES TWO SOVIET SCIENTISTS TO VISIT THE UNIVERSITY OF WASHINGTON FOR 90 DAYS EACH TO STUDY MODELS OF ICE DYNAMICS. THIS VISIT TO TAKE PLACE DURING THE LAST HALF OF 1975.

THE US SIDE WILL INDEED CONSIDER THE VISIT OF TWO SOVIET SCIENTISTS TO THE GEOPHYSICAL FLUID DYNAMICS LABORATORY OF NOAA, PRINCETON, NEW JERSEY, FOR 90 DAYS EACH TO STUDY CLIMATE SENSITIVITY AND STABILITY, RAIDIATION EFFECTS OF PARTICULATES, AND NUMERICAL INTEGRATION METHODS. WE ASSUME THAT THE SCIENTISTS PREVIOUSLY INVITED IN MY LETTER OF NOVEMBER 25, 1974, ARE UNABLE TO COME.THEREFORE

WE WILL BE PLEASED TO RECEIVE YOUR SUGGESTIONS FOR SUBSTITUE SCIENTISTS WHOM WE MIGHT INVITE.

UNDER PROJECT VII-1.3, "INFLUENCE OF SOLAR ACTIVITY ON CLIMATE,"
THE US SIDE WISHES TO INVITE A SOVIET SCIENTS TO VISIT STANFORD
UNIVERSITY, CALIFORNIA, FOR 90 DAYS TO STUDY THE ANALYSIS OF
VARIATIONS OF TEMPERATURE AND PRESSURE FIELDS IN THE ATMOSPHERE
DURING SOLAR DISTURBANCES

WE ARE PRESENTLY SELECTING US SCIENTISTS
TO VISIT THE COMPUTER CENTER, SIBERIAN BRANCH OF THE ACADEMY OF
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SCIENCES NOVOSIBIRSK AND THE HYDROMETEROLOGICAL CENTER, MOSCOW, FOR 90 DAYS TO STUDY NUMERICAL MODELING OF CLIMATE. IN ADDITON, A US SCIENTIST IS BEING SELECTED TO VISIT THE MAIN GEOPHYSICAL OBSERVATORY, LENINGRAD, FOR 30 DAYS TO STUDY THE EFFECT OF ATMOSPHERIC POLLUTION ON CLIMATE. I WILL PROVIDE THESE NAMES TO YOU AS SOON AS POSSIBLE FOR YOUR CONFIRMATION.

I PROPOSE THAT ALL THE EXCHANGE VISITS REFERRED TO ABOVE BE

CONDUCTED ON A "RECEIVING SIDE" PAYS BASIS.

CONCERNING THE MEETING OF EXPERTS TO PREPARE A DATA BASE OF THE RECENT CLIMATE AS INDICATED IN PARAGRAPH 3.3D OF THE JUNE 1974 WORKING GROUP VIII REPORT, IT IS ALREADY TOO LATE TO HOLD THIS MEETING IN MAY AS ORIGINALLY PLANNED. THEREFORE AS RECOMMENDED BY YOU IN YOUR TELEGRAM OF MARCH 11, 1975, DR. OORT WILL COMMUNICATE WITH DR. NMW. KOBYSHEVA AND DR. B. M. ILYIN TO PLAN FOR A JOINT MEETING OF EXPERTS ON DATA TYPES IN CLIMATE STUDIES.

THE US SIDE IS EAGER TO IMPLEMENT THE AGREEMENT CONTAINED IN PROJECT VII-1.1 OF THE DECEMBER JOINT COMMITTEE MEMORANDUM IN WHICH A TEAM OF US SCIENTISTS WILL VISIST THE USSR IN THE SECOND OR THIRD QUARTER OF 1975 TO DISCUSS QUATERNARY GLACIATION. I WOULD APPRECIATE LEARNING OF YOUR SPECIFIC PLANS ON THIS SUBJECT.

I AM LOOKING FORWARD WITH GREAT PLEASURE TO OUR FORTHCOMING SECOND MEETING OF WORKING GROUP VII IN PRINCETON, NEW JERSEY, THIS OCTOBER. I SHOULD LIKE TO PROPOSE THAT THE MEETING BE HELD DURING THE 2-WEEK PERIOD COMMENCING 13 OCTOBER 1975.

AS AGREED TO UNDER PROJECT VIII-1.3 OF THE DECEMBER 12, 1974, JOINT COMMITTEE MEMORANDUM, I AM PLANNING TO VISIT THE USSR TO ATTEND THE PREPARATORY MEETING FOR THE SECOND MEETING OF WORKING GROUP VIII IN OCTOBER AT PRINCETON. I AM NOT YET CERTAIN OF HOW MAY EXPERTS WILL BE IN THE DELEGATION, BUT I WILL INFORM YOU AS SOON AS POSSIBLE. I WOULD APPRECIATE ANY THOUGHTS YOU MIGHT HAVE CONCERNING THE AGENDA FOR OUR MEETING IN THE USSR. CERTAINLY, WE WOULD WANT TO DEVELOP AN AGENDA FOR THE OCTOBER MEETING AND AN ITINERARY FOR YOUR DELEGATION. A PARTICULAR SUBJECT THAT I WOULD HOPE TO INTRODUCE IN OUR MEETING IS A PLAN FOR A COOPERATIVE EFFORT TO STUDY CLIMATE EFFECTS OF POLLUTION OF THE STRATOSPHERE.

AS YOU KNOW THE WMO/IAMAP SYMPOSIUM ON LONG-RANGE CLIMATE FLUCTUATIONS IS TO BE HELD AT THE UNIVERSITY OF EAST ANGLIA, UNCLASSIFIED

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NORWICH, UNITED KINGDOM, FROM 18 TO 23 AUGUST 1975. I AM PLANNING AT ATTEND THIS SYMPOSIUM, AND I KNOW FORM THE PROGRAM THAT YOU PLAN TO BE THERE ALSO. I SHOULD LIKE TO PROPOSE, WITH YOUR CONCERRENCE, THAT THE PREPARATORY MEETING BE HELD IN THE USSR JUST BEFORE THE NORWICH SYJPOSIUM. HAVING THESE TWO MEETINGS FOLLOW EACH OTHER WOULD CERTAINLY EASE THE TRAVEL PLANS OF THE US DELEGATION.

I WOULD APPRECIATE RECEIVING AS SOON AS AVAILABLE YOUR NOMINATIONS FOR THE VARIOUS LONG TERM EXCHANGE VISITS AS WELL AS THEIR TITLE, AFFLIATIONS AND DATES OF BIRTH.

I AM MOST HOPEFUL THAT THE COOPERATIVE PROGRAM OF WORKING GROUP VIII FOR 1975 WILL BE A SUCCESSFUL ONE. SINCERELY EDWARD S. EPSTEIN, COCHAIRMA RKING GROUP VIII. UNQUOTE INGERSOLL

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To: MOSCOW LENINGRAD

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